

RADTSIG, Yu.Yu.

Synthesis of a nonuniform line for wide-band matching. Radiotekhnika  
18 no.5:29-37 My '63. (MIRA 16:8)

(Radio lines) (Wave guides) (Coaxial cables)

L 24254-66 EWT(1)/EWA(h)

ACC NR: AR6005259

SOURCE CODE: UR/0058/65/000/009/H043/H043

32

8

AUTHOR: Radtsig, Yu. Yu.

TITLE: Synthesis of inhomogeneous line for discrete matching

SOURCE: Ref. zh. Fizika, Abs. 9Zh298 25

REF SOURCE: Tr. Kazansk. aviats. in-ta, vyp. 85, 1964, 25-32

TOPIC TAGS: transmission line, microwave component

TRANSLATION: The author considers the problem of the synthesis of an inhomogeneous line for discrete matching in the microwave band of a complex impedance with the wave resistance of a feeder. It is shown that in the general case the problem of discrete matching reduces to the solution of the problem of moments. For the case of a continuous inhomogeneous line, the solution is written in the final form.

SUB CODE: 09

Card 1/1 *dda*

2

L 23870-66 EWT(m)/EWP(t) IJP(c) JD/WB/JH

ACC NR: AP6008624

SOURCE CODE: UR/0365/65/001/006/0677/0680

AUTHORS: Pustotina, S. R.; Tolkachev, V. Ye.; Rafalovich, D. M.; Roykh, I. L.

ORG: Odessa Technological Institute im. M. V. Lomonosov (Odesskiy tekhnologicheskii institut)

TITLE: Oxidation of Mg, Zn, and Cd films formed by vacuum condensation in a humid atmosphere  
18 27 27 27 18

SOURCE: Zashchita metallov, v. 1, no. 6, 1965, 677-680

TOPIC TAGS: protective coating, metal film, corrosion resistance, magnesium, zinc, cadmium, metal oxidation

ABSTRACT: Oxidation of Mg, Zn, and Cd vacuum condensates has been studied at various values of relative humidity. The information is of interest because the quality of the metallic films obtained by vacuum spraying is determined mainly by their atmospheric corrosion stability. The investigation was performed by gravimetric and polarized light methods, varying the relative humidity from 0 to 99%, at a temperature of 20C. The results of the study are summarized in Figs. 1 and 2. It was established that the increase of weight and the thickness of the oxidized layer are 4 and 2 times greater for Mg and Cd, respectively, than for Zn. At a relative humidity <80% for Cd and Zn and <70% for Mg, the protective oxide films are formed in 1 to 2 days of oxidation. The corrosion rate for all 3 condensates increases rapidly at relative

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UDC: 620.193.2

L 23870-66

ACC NR: AP6008624

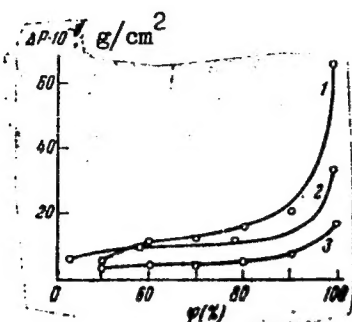


Fig. 1. Weight increase per unit of the surface of the condensate as a function of the relative humidity, during one week of oxidation: 1 - Mg, 2 - Cd, 3 - Zn.

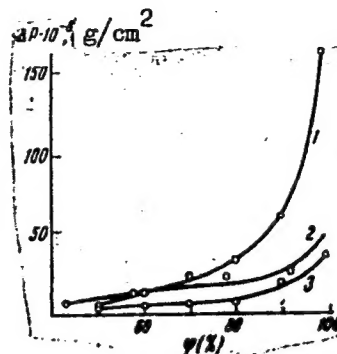


Fig. 2. Thickness of the oxide film formed during the one week of condensate oxidation, as a function of the relative humidity: 1 - Mg, 2 - Cd, 3 - Zn.

humidity,  $r$ , above 90%. At these values of  $r$ , a porous layer with a large surface area is formed on the metal. Orig. art. has: 5 figures.

SUB CODE: 07, 11/ SUBM DATE: 01Mar65/ ORIG REF: 003/ OTH REF: 010

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L 24255-66 EWT(1)/EWA(h)

ACC NR: AR6005260

SOURCE CODE: UR/0058/65/000/009/H044/H044

AUTHOR: Radtsig, Yu. Yu.

TITLE: Synthesis of a continuous inhomogeneous line for broadband matching

SOURCE: Ref. zh. Fizika, Abs. 9Zh302

REF. SOURCE: Tr. Kazansk. aviats. in-ta, vyp. 85, 1964, 125-129

TOPIC TAGS: transmission line, real function, communication line, broadband communication, approximation calculation

TRANSLATION: The author considers the problem of approximating a real function of the reflection coefficient, defined in the entire complex plane, by means of entire functions of finite degree with integrable square on the real axis (functions of class  $W_\sigma$ ). To solve the problem the author uses uniformly converging Kotel'nikov series, by means of which any entire function of finite degree  $\sigma = T$  of class  $W_\sigma$  can be represented. The degree of the entire function  $T$

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L 24255-66

ACC NR: AR6005260

is completely determined by the specified length of the inhomogeneous line. The author considers also the question of the error of the attained solution of the problem of synthesis of an inhomogeneous line. The greatest error is the one due to replacing the infinite series by a finite series. An expression is presented for the absolute error, which makes it possible to estimate approximately the degree of the mismatch. It is noted that the exact value of the mismatch can be taken into account by first-approximation theory and should be determined experimentally. The considered method of approximation has been verified experimentally: an inhomogeneous line of length 150 mm was used to match a helical antenna with maximum VSWR 2.6, with a 75-ohm coaxial cable in the 2000 -- 3000 Mc band. The results of the experiment are in good agreement with the theory. V. S.

SUB CODE: 09, 12

Card

2/2dia

RUMANIA/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101157

Author : Radu, A., Radu, Gh., Alvemir, S.

Inst : -

Title : Fattening of Swine for Bacon.

Orig Pub: Probl. zootehn., 1957, No. 6, 46-54

Abstract: When swine are fattened for bacon, the duration of fattening is 4-6 months, and it is computed that at such time 6-8 months old piglets should attain a weight of 85-100 kg, which is prerequisite for 1st grade bacon. The fattening process is divided into 3 periods. During the 1st period, which lasts 8-12 weeks, daily weight gains should amount to 300-400 g and reach 550-600 g. at the end of this period.

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16

RADO A.

COUNTRY : ROMANIA  
 CATEGORY : Farm Animals.  
 The Swine.  
 ABS. JOUR. : RZhBiol., No. 3, 1959, No. 12076  
 AUTHORS : Ionescu, I.; Oprescu, S.; Amintea, S.; Corban, I.  
 TITLE : The Boar's Weight at the Time of Mating In-  
 creasing the Piglet's Development before  
 Weaning.  
 ORIG. PUB. : Probl. zootehn. si veterin., 1958, No 4,  
 24-36  
 ABSTRACT : It was established that the piglet's weight at  
 weaning is chiefly correlated to the weight of  
 the boar at mating. Pigs of the categories II  
 and III were mated with boars of the category  
 I which gave better results than when mating  
 was performed in the reverse manner.

Card: 12



10-10-56

Presenting problem in swine breeding and raising them. Natura Biologica  
17 no. 1:51-56 1956.

1. Head of Research Section, Institute of Vetechnic Research,  
Bucharest.

RUMANIA

RADU, A., Dr, of the ICZ [Institutul de Cercetari Zootehnice; Zootechnical Research Institute].

"Swine Improvement by Means of Progeny Testing of the Males."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 16, No 9, Sep 66, pp 25-31.

Abstract: A discussion of the three factors to be considered in the improvement of pig stocks, namely prolificity, precocity and quality of the carcass, and of their determination by means of progeny testing. The procedures used in the two Rumanian stations currently doing progeny testing on pigs are described, and the results obtained so far with regard to Landrace and White York swine are presented. Includes 3 tables.

1/1

Country : Rumania E-2  
Categ. 01/1 : Analytical Chemistry - Analysis of  
Inorganic Substances  
Abs. Jour. : Ref Zhur-Khimiya, No 6, 1959 19104  
Author :  
Institut. :  
Title :

Orig. Sup. : In plant operation practices. -- B. Manole.

Abstract :

Card: 2/2

E-20

RADU, A.; TUDORAN, P.

Frame-saw blades made of domestic steel. p. 364.

INDUSTRIA LEMNULUI. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industriei Lemnului) Bucuresti., Rumania.  
Vol. 8, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2,  
Feb. 1960.

UNCL.

TUDORAN, P., ing.; RADU, A., ing.; FITERAU, Victoria, ing.

Increasing the splintering capacity of woodprocessing tools  
by cyaniding treatment. Ind lemnului 15 no.6/7:231-236 Je-Jl  
'64.



RADU, A.

TECHNOLOGY

Periodicals: REVISTA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII  
Vol. 10, no. 10, Nov. 1958

RADU, A. Thermal behavior of roofs of certain industrial buildings. p. 488

Monthly List of East European Accessions (EEAL) IC, Vol. 8, No. 2,  
February 1959, Unclass.

FOCSA, V., conf. ing.; RADU, A., ing.; VERES, Al. ing.

Thermal resistance of masonry work in materials with  
vertical holes. Rev constr si mat constr 15 no. 11:  
586-591 N '63.



RADU, A., conf. ing.; BENCHE, V., ing.

Thermodynamic study on the air feeding of a pneumatic installation. Ind. lemmului 15 no.5:173-178 My'64

FOCSA, Virgil; RADU, Adrain (Jassy, Rumania)

Determination of the mean coefficient of heat penetration  
through layered walls by the method of thermal fields.  
Archiw inz lad 9 no. 4: 407-418 '63.

RAMU, Alexandru; STANASIU, Octavian

The  $\mathcal{Q}$ -morphism for the module with generalized differentiation.  
Rev math Roum 10 no.1:69-79 '65.

1. Institut of Mathematics of the Rumanian Academy, Bucharest.  
Submitted April 27, 1964.

STANASIL A. Octavian; RADU, Alex

The Kunneth row for generalized complexes. Studii cerc mat  
17 no.1:105-109 '65.

1. Institute of Mathematics, 47 M.Eminescu St., Bucharest.  
Submitted August 7, 1964.

RADU, A.

Bending and twisting nonhomogenous isotropic bars.  
Studii mat Iasi 13 no.1:203-212 '62.

GLAVA, Cornel, ing.; ROSENTHAL, Gabriel, ing.; RADU, Andrei

Considerations on the salt baths with indigenous substances  
for thermochemical and thermal treatments. Metalurgia  
constr mas 14 no. 3:207-212 Mr '62.

1. Institutul Tehnologic pentru Constructii de Masini si  
Electrotehnica.

BURCIOIU, I., ing; RADU, A.

Isothermic hardening of valve spiral springs. Metalurgia  
constr mas 15 no.7:437-440 J1 '63.

1. I.C.T.C.M.

RADE, Aurica, ing. principal

Magnetic impulse generators supplied with variable alternating  
tension. Automatica electronica 7 no.3:114-121 My-Je '63.

1. Institutul de fizica atomica.



RADU, Aurica, ing.

Magnetic generators for impulses of high power. Automatica  
electronica 8 no. 1: 29-34 Jan 1964.

REF: 107-513 Ky-20'4  
107-513 Ky-20'4

A 3,5 M.W. impulse generator. automatic electronics 8 no.2:  
107-513 Ky-20'4

Rumania / Plant Physiology. Growth and Development.

I

Abs Jour : Ref Zhur - Biol., No 9, 1958, No 38950

Author : Radu Avram

Inst : Not given

Title : The Effect of Heteroauxin Upon the Movement of Protoplasm in the Sprouts of Grasses.

Orig Pub : Bul. stiint, Acad. RFR. Sec biol. si stiinte agric., 1956, 8, No 3, 543-565

Abstract : IAA [Indolacetic acid] stimulated the movement of the coleoptiles of *Aira capillaris* Host., *Agrostis nebulosa* (Boiss et Kent), *Catabrosa aquatica* (L.) Beauv. and other grasses. The optimal concentration of IAA - 0.1 - 0.25 mg per cent; the minimal concentration in connection with which there is observed the stimulating effect of IAA, is 0.001 mg percent, while the maximal concentration indicating a depressing effect is 100 mg percent. With the increasing movement of the

Card 1/2

15

protoplasm by approximately this period movement was resumed. It is presumed that this period is indispensable for the adaptation of the cell. Bibliography: 27 titles.

Card 2/2

1. 1.

2. 2. 1. Activities of the circle of the Scientific Association of  
Technicians of the Republic of Armenia in the "Scientific and Technical Electric  
Engineering" (STET).

3. 3. 1. Activities of the circle of the Scientific Association of  
Technicians of the Republic of Armenia in the "Scientific and Technical Electric  
Engineering" (STET).

4. 4. 1. Activities of the circle of the Scientific Association of  
Technicians of the Republic of Armenia in the "Scientific and Technical Electric  
Engineering" (STET).

CERNATESCU, R.; PONI, Margareta, prof.; GAIGINSCHI, Alexandrina; ROMAN, I.;  
STAVRI, Natalia; TIMOSCA, Sofia; GAVRILITA, Lorica; RADU, C.

Return to pathogenicity of a variant of Koch's bacillus under  
induction. Studii chim Iasi 11 no.2:171-179 '60.

1. Academia Republicii Populare Romine, Filiala Iasi, Institutul de  
chimie "Petru Poni." 2. Comitetul de redactie, "Studii si cercetari  
stiintifice, chimie"(Academia Republicii Populare Romine, Filiala  
Iasi)(for Poni).

(MYCOBACTERIUM TUBERCULOSIS)  
(IODOTRICHLOROPYRIDINE)

APPROVED FOR RELEASE: Tuesday, August 01, 2000

APPROVED FOR RELEASE: Tuesday, August 01, 2000

RADU, C., ing.

Activity of the Trust for Mine Prospecting and Exploration during the years of the people's regime, in the field of prospecting, exploring, and opening of new mines. Rev min 15 no.8:373-375 Ag '64.

1. Director General, Trust for Prospecting, Exploring and Opening of New Mines.

RADU, C., ing.

Titanium has been subdued. St si Teh Bus 17 no.3:27,30 1/2 '65.



GAINGINSCHI, Alexandrina; PETREANU, Viorica; TIMOSCA, Sofia; RADU, C.;  
BURCOVEANU, Constanza; IONESCO, Michaela; MURGESCO, Tantzî.

Dissociation of the BCG strain under the action of heat.  
Arch. roum. path. exp. microbiol. 23 no.3:617-622 S'63

1. Travail de l'Academie de la Republique Populaire Roumaine;  
Section de Biomorphologie et de l'Institut Medico-Pharmaceuti-  
que de Jassy; Laboratoire de Microbiologie.

RADU, Constantin

Concern to improve the style and working methods. Munca sindic  
7 no.6:27-31 Je '63.

1. Presedinte al Consiliului regional al Sindicatelor, Galati.

RADU, Corneliu, ing.

Innovation movement in the machine-tractor stations in the  
Mures-Regiunea Autonoma Maghiara. Mec electrif agric 9  
no. 3:56-62 '64.

MADU, C.; IOSIF. T.;

Determining the magnitude of the neighboring earthquakes at the seismic stations of the Bucharest Observatory. p. 205.

STUDII SI CERCETARI DE ASTRONOMIE SI SEISMOLOGIE. Bucuresti, Rumania.  
Vol. 1, no. 2, 1957.  
Vol. 4, no. 1, 1959.

Monthly List of East European Accession (EEAI). LC, Vol. 8, No. 9, September, 1959

Uncl.

RADU, C.; IOSIF, T.

Determining the magnitude of the waves P and S at the Bucharest station. p. 231.

STUDII SI CERCEȚĂRI DE ASTRONOMIE SI SEISMOLOGIE. Bucuresti, Rumania.

Vol. 1, no. 2, 1957.

Vol. 4, no. 1, 1959.

Monthly List of East European Accession (EEAI). LC, Vol. 8, No. 9, September, 1959

Uncl.

RADU, C.; IOSIF, T.

Determination of the magnitude of the deep earthquakes of Vrancea. p. 261.

STUDII SI CERCETARI DE ASTRONOMIE SI SEISMOLOGIE. Bucuresti, Rumania.

Vol. 1, no. 2, 1957.

Vol. 4, no. 1, 1959.

Monthly List of East European Accession (EEAL). LC, Vol. 8, No. 9, September, 1959

Uncl.

RADU, C.

On the weak earthquakes recorded by the Iasi Station. Studii  
astron seismol 5 no.1:53-56 '60. (PEAI 10:3)  
(Rumania--Earthquakes)

RADU, C.

On the Cureau waves. Studii astron seismol 5 no.1: 57-62 '60.  
(EEAI 10:3)

(Seismic waves)



S/169/62/000/010/025/071  
D228/D307

AUTHORS: Petrescu, G. and Radu, G.

TITLE: Seismic activity of the territory of the RPR in the period 1901-1960

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 10, 1962, 30, abstract 10A190 (An. științ. Univ. Iași, sec. 1, 6, no. 5, supl., 1960, 757-782 (Rum.; Summaries in Rus. and Fr.))

TEXT: The seismicity of the RPR's territory is investigated on the grounds of instrumental and historical data for the period 1901-1960. The Vrancea region is studied in detail. A seismic zoning map is given.  
[Abstractor's note: Complete translation]

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S/169/62/000/012/013/095  
D228/D307

AUTHOR: Radu, Cornelius  
TITLE: Carpathian earthquake energies  
PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1962, 17,  
abstract 12A166 (Studii și cercetări astron. și  
seismol., Acad. RPR, 6, no. 1, 1961, 81-90 (Rom.;  
summaries in Rus. and Fr.))  
TEXT: Graphs of the frequency of deep earthquakes at Vran-  
cea with  $M \leq 4.5$  were prepared for the period from 1901 to 1960.  
The distribution of earthquakes with  $M \leq 5.5$  ( $I_0 > 6$ ) in this  
period is considered, as is the distribution of the energy density.  
A graph of the seismicity change from 1937 to 1959 is given.  
[Abstracter's note: Complete translation]

Card 1/1

PETRESKU, G. [Petrescu, G.]; RADU, K. [Radu, C.]

Seismicity of the territory of the Rumanian People's Republic  
from 1901-1960. Izv. AN Mold. SSR. no.4:68-90 '62.  
(MIRA 18:3)

1. Akademiya nauk Rumynskoy Narodnoy Respubliki.

S/169/62/000/004/005/103  
D228/D302

AUTHORS: Iosif, T. and Radu, C.

TITLE: Investigations of the mechanism of the earthquake of December 9, 1945 (Vrancea)

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 4, 1962, 14, abstract 4A113 (Studii și cercetări astron. și seismol. Acad. RPR, 6, no. 1, 1961, 91-96)

TEXT: The earthquake of December 9, 1945, was characterized by the following quantities:  $H = 06^{\text{h}}08^{\text{m}}$ ;  $\varphi = 45^{\circ}32' \text{N}$ ,  $\lambda = 26^{\circ}44' \text{E}$ ;  $h = 100 \text{ km}$ ;  $M = 6.0$ . The problem was solved by Bayerly's method. The plane defined by the parameters  $37^{\circ}\text{W}$ ,  $53^{\circ}\text{E}$ ,  $59^{\circ}$  was selected as the fracture plane. The fracture direction  $V 37^{\circ}$  was also ascertained by gravimetric means. /-Abstracter's note: Complete translation. /

Card 1/1

S/169/62/000/005/009/093  
D228/D307

AUTHORS: Petrescu, G. and Radu, C.

TITLE: The question of compiling a seismic map of Europe

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1962, 18, abstract 5A127 (Studii și cercetări astron. și seismol. Acad. RPR, 6, no. 1, 1961, 113-126)

TEXT: A catalog of earthquakes with  $I_0 \geq 6$ , which have occurred on the territory of the RPR from 1900, has been compiled. The epicenters of these earthquakes are grouped in 9 epicentral regions. The mechanism of the deep-focus earthquakes near Vrancea on November 10 and October 22, 1940, is considered. The plane approximately perpendicular to the bend of the Carpathians is chosen as the plane of rupture. The obtained results explain the shape of the isoseismals of these earthquakes. [Abstracter's note: Complete translation.] 7

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S/169/62/000/003/003/003  
D228/0501

AUTHOR: Radu, Cornelius

TITLE: The question of preparing a catalog of Carpathian earthquakes

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 3, 1962, 12, ab-  
stract 3A107 (Studii si cercetari astron. si seismol.,  
Acad. RPR, 6, no. 1, 1961, 127-135)

TEXT: A new thorough study of the data of the Fokshani station -- the nearest to the epicenter -- was undertaken to establish as completely as possible the seismic activity of the Vrancea district. 80 earthquakes, with foci near the bend of the Carpathians, were studied. The intensity obtained at the Fokshani station on an S-wave basis was determined by using the correlations of  $M = \lg(A/T) - \lg(A/T)$ ; the Bucharest intensities were taken as the main ones. A table of the values of the calculated functions at the Bucharest, Kypulungi, and Fokshani stations for P and S waves is cited together with an indication of the significance of the study of these

Card 1/2

The question of preparing ...

S/169/62/000/003/003/038  
D226/D301

functions' changes in relation to a depth  $h$  at a distance  $l$  and an azimuth  $\alpha$ . [Abstracter's note: Complete translation.]

Card 2/2

S/169/62/000/009/012/120  
D228/D307

AUTHORS: Petrescu, G. and Radu, C.

TITLE: Seismicity and seismic zoning of the RPR's territory  
in the period 1900-1958

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 21, ab-  
stract 9A132 (Studii și cercetări astron. și seismol.,  
6, no. 2, 1961, 225-245 (Rum.; summaries in Russ. and  
Fr.))

TEXT: A general picture of the seismicity is given, with an ac-  
count of: a) distribution of earthquakes in space and time; b)  
earthquake energies; and c) frequencies of earthquakes of differ-  
ing strength. Only microseismic data were used. Special attention  
is paid to the Vrancea area, where earthquakes occur at a depth  
 $h \geq 100$  km. A map of the distribution of foci near Vrancea is given,  
lines of equal depth being distinguished on it. The distribution of  
foci in a vertical east-west section is shown. A group of foci,  
starting from 100 km and associated with the asthenosphere's upper

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Seismicity and seismic ...

S/169/62/000/009/012/120  
D228/D307

limit, is distinguished. A map of the seismic zoning of the RPR's territory is presented. The evolution of geologic concepts concerning the RPR's seismicity is briefly stated. 22 references.  
/\_Abstracter's note: Complete translation.\_/

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S/169/62/000/009/003/120  
D228/D307

AUTHORS: Petrescu, G., Radu, C. and Ionescu-Andrei, P.

TITLE: Seismic activity on the territory of the RPR in 1959.  
Comments concerning the atmosphere and the crustal  
structure near Vrancea

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 7, ab-  
stract 9A25 (Studii si cercetari astron. si seismol.,  
6, no. 2, 1961, 247-258 (Rum.; summaries in Russ.  
and Fr.))

TEXT: The results of studying the earthquakes that occurred on the  
territory of the RPR are presented in the first part. The stronger  
earthquakes are examined. The crustal structure in Europe is de-  
fined. Certain judgments concerning the asthenosphere and the crus-  
tal structure in the vicinity of Focșan are expressed in the second  
part of the work. A value of 90 km was obtained for the astheno-  
sphere's upper limit; this agrees with N. V. Shebalin's data (RZh-  
Geofiz, 1962, 6A106). The granite layer's depth is defined as 13 km.

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Seismic activity on ...

S/169/62/000/009/003/120  
D228/D307

This value coincides well with the data of geologic investigations. ✓  
21 references. [Abstracter's note: Complete translation.]

Card 2/2

S/169/62/000/012/015/095  
0228/U307

AUTHORS: Iosif, T. and Radu, C.  
TITLE: Conditional stress characteristics for deep foci  
near Vrancea  
PERIODICAL: Referativnyi zhurnal, Geofizika, no. 12, 1962, 20-21,  
abstract 12A194 (Studii si cercetari astron. si  
seismol., 6, no. 2, 1961, 269-285 (Rum.; summaries  
in Rus. and Fr.))

TEXT: The data on 250 earthquakes that occurred near  
Vrancea between 1937 and 1958 were processed. Their depths exceeded  
100 km. Their magnitudes were ascertained, and a graph was plotted  
for the release of Ben'off stresses. The magnitudes of earthquakes  
that occurred before 1900 were determined on the basis of correla-  
tions, established between the earthquake focal magnitude and force  
for deep earthquakes near Vrancea. The energy of deep earthquakes  
was calculated. A graph, plotted on the basis of earthquakes in  
the period 1471-1960, is given for the purpose of estimating the

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Conditional stress ...

S/169/62/000/012/015/095  
D228/0307

seismicity of the territory of the Rumanian People's Republic. The force of these earthquakes was more than 8 points.  
[Abstracter's note: Complete translation]

Card 2/2

PETRESCU, G.; IONESCU-ANDREI, P.; RADU, C.

Problem of the State Standard STAS 2923-52. Studii astron seismol 7  
no.2:323-334 '62.

PETRESCU, C.; RADU, C.

Structure of the earth's crust in Rumania. Studii astron seismol 7  
no.2:335-341 '62.

PETRESCU, G.; RADU, G.

~~Seismicity of the Rumanian land~~ in the period anterior to 1900.  
Problema geofiz 2:79-85 '63.



ADU, C.; PURCARU, G.

Considerations on the tension systems generating intermediate earthquakes in Vrancea. Anal St Jassy II 9:125-192 '63.

VANEK, JIM; RATH, Cornelius

Amplitude curves of seismic body waves at distances smaller than 12°. *Studia geophys* 8 no.4:319-32, '64.

1. Institute of Geophysics of the Czechoslovak Academy of Sciences, Prague 4 - Sporilov, Bozd II (for Vanek).
2. Center of Geophysical Research of the Rumanian Academy Bucharest, Str. Căminului de Argint 5 (for Radu).

576.858.5

ROMANIA

DUCA, M., ALEXANDRESCU, M., RADU, C., HANDRACHE, L. and CRAESCU, D., of the Medical Institute (Institutul de Medicina), Iasi.

"The Morphological Study of the Synthesis of Type 7 Adenovirus in HeLa Cells."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 4, 66, pp 303-305.

Abstract: In a study of the sequence of nuclear changes produced by type 7 adenoviruses in HeLa cells in order to determine the relations between viral protein and mature viruses, the authors were unable to find any evidence of protein crystals. They suggest that this may be due to uniform dispersal of the proteins or to the fact that under the experimental conditions used the viral infection did not lead to the formation of protein crystals.

Includes 21 figures and 8 references, of which one German and 7 English-language.

1/1

RADU, D.

Recent Palaearctic expansion fo the Streptopelia decato decaocto (Friv.)  
species. p. 121.

ANALELE SERIA STINTELOR NATURII. Bucuresti, Rumania. Vol. 7, no. 18, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 9, Sept. 1959.  
Uncl.

RADU, D.; SARLAU, C.

Planning and making welded joints out of tubes for constructions.  
Bul St si Tehn Tim 9 no.2:441-451 J1-D '64.

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**APPROVED FOR RELEASE: Tuesday, August 01, 2000**

**CIA-RDP86-00513R0013439**

RADU, Dimitrie (Bucuresti); COCIU, Mihai (Bucuresti)

Principles of the organization of the Ecological Garden of Bucharest.  
Natura Biologie 13 no.6:36-41 N-D '61.

X

RADU, Dimitrie; TALPEANU, Matei; NADRA, Emil

Correct data on the nestling of the osprey *Pandion h. haliaëtus*  
in Rumania. Comunicarile AR 12 no.3:353-357 Mr '62.

1. Comunicare prezentata de M.A.Ionescu, membru corespondent  
al Academiei R.P.R.



*DIONISIE RADU*

RUMANIA / Chemical Technology. Chemical Products and Their H-6  
Application. Safety Engineering. Sanitary  
Engineering.

Abs Jour : Ref Zhur - Khimiya, No 2, 1958, No 5177

Author : Dionisie Radu

Inst : Not Given.

Title : Destructive Distillation of Wood.

Orig Pub : Paza incendiilor, 1956, No 1, 8-14

Abstract : The technological process and fire hazards of  
the products are considered. Fire prevention ru-  
les pertaining to the manufacture and handling  
of the products are listed.

Card : 1/1

RADU, Dumitru, ing.; SARLAU, Constantin, ing.

Repairing of the main shaft in a 20 ton press by soldering. Metalurgia constr mas 13 no.10:913-914 0 '61.

(Presses) (Solder and soldering)

RADU, E. (Bucuresti)

Stieltjes vector measures. Bull math Rum 6 no.1/2:79-86  
'62 [publ. '64].

1. Submitted January 24, 1963.

7-1. , 7-1. , 7-1. , 7-1.

RADU, E.

RADU, E. Some aspects of the innovator work at the November 7 Enterprise in Sibiu,  
P. 421.

Vol. 7, No. 9, September 1956  
INDUSTRIA TEXTILA  
TECHNOLOGY  
Bucuresti

So: East European Accession, Vol. 6, No. 3, March 1957

RADU, E.

Modifications of devices feeding elastic into the border of socks, on automatic circular one-cylinder knitting machines, for knitting without special needles.

p. 320 (Industria Textila) Vol. 8, No. 7, July 1957, Bucuresti, Rumania

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

RADU, E.

A new system for collecting lubrication oil in the Cotton machines. p. 19.

INDUSTRIA TEXTILA. (Asociatia Stiintifica a Inginerilor si Technicienilor din Rominia si Ministerului Industriei Usoare) Bucuresti, Rumania. Vol. 10, No. 1, Jan. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959.  
UNCL

RAU, B.

The use of polyamide monofilaments for the manufacture of brushes used in the knit goods industry. p. 123

INDUSTRIA TEXTILA. (Asociatia Stinifica a Inginerilor si Technicienilor din Rominia si Ministerul Industriei Usoare0 Bucuresti, Rumania. Vol. 10, no. 3 Mar. 1959

Monthly List of East European Accessions (EEAI) LC <sup>vol. 80</sup> /no. 8, Aug. 1959

Uncl.



RADO, E.

Automatic stoping device of welt knitting machines with two feeders in case of yarn break e. p. 158.

INOT SICLA TEXTILA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industriei Usoare) Bucuresti, Romania.  
Vol. 11, no. 4, Apr. 1959.

*Vol 11*  
Monthly list of East European Accessions (EEAI) 11, no. 4, Aug. 1959

Incl.

RADU, E., ing.

Quality of products, the main concern of the 7 Noiembrie  
Collective Enterprise, Sibiu. Ind text Rum 12 no.6:234-235  
Je '61.

RADU, E., ing.

Improving the quality of socks made with a border of rubber threads. Ind text Rum 13 no.4:144-145 Ap '62.

1. Intreprinderea, "7 Noiembrie", Sibiu.

RADU, E., Ing.

Study on the most effective rayon type method of determining  
method of determining the contraction of polyamids threads.  
Ind text Num 13 no.6:224-225 Je '62.

1. Institutul International de Sudura 7 Noiembrie, Sibiu.

RADU, E., ing.

Magnetic phenomena noted on the circular automatic knitting machines.  
Ind text Rum 13 no.8:327-330 Ag '62.

1. Intreprinderea industrială de Stat "7 Noiembrie", Sibiu.

RADU, E., ing.

Device for technical control in the hosiery manufacture. Ind text  
Rum 13 no.10:413-415 0 '62.

1. Intreprinderea Industriala de Stat "7 Noiembrie", Sibiu.

RADU, E., ing.

From the experience of the 7 Noiembrie, Sibiu, enterprise  
in the achievement of small-scale mechanization works.  
Ind text Rum 14 no.12:587-589 D163.

RADU, E., ing.; MEISNER, C.

New aspects of rate setting and following up the specific  
consumption of raw materials in stocking manufacturing.  
Ind text Rum 15 no. 2:86-89 F '64.



RADU, E., Ing.

Direct winding of rubber yarns on the textile yarn wrapping machine for rubber yarns. Ind text Rum 15 no. 5:261-262  
My '64.

1. "7 Nolembrie" Enterprise, Sibiu.

LAZAROIU, D.F., ing.; UDRESCU, Petre; VECAS, Alexandru; RADU, Emilia; CARACASIAN, E., ing.; BANDI, Fr.; TAIGAR, S., ing.

Present problems on establishing labor norms. Probleme econ 17 no.7: 151-156 J1 '64.

1. Direktor, "Electronica" Plant, Bucharest (for Lazaroiu).
2. Director, Iprofil Bucharest (for Udrescu).
3. Head of the Department of Labor Organization, Iprofil Bucharest (for Vecas).
4. Director, "Rascoala din 1907" Textile Enterprise, Bucharest (for Radu).
5. Chief Engineer, "Rascoala din 1907" Textile Enterprise, Bucharest (for Caracasian).
6. Director, "Bucuresti" Glass Factory (for Bandi).
7. Chairman of the State Committee for Labor and Wage Problems (for Taigar).

MOISE, D., corespondent; SANDA, Constantin; RADU, Eugenia, corespondenta;  
IORDACHE, Mihail, corespondent; OROS, Maria, tehniciana

Innovation, an inexhaustible reserve. Constr Buc 16 no.736:3  
15 F'64.

1. Din postul de corespondenti voluntari (for Oros)

BUFNEA, Teodor; RADU, Eugenia; MAISNER, Viorica, statistician; CALIS,  
Reghina; MIERLESCU, C.

From the letters of voluntary newspaper correspondents.  
Constr Buc 16 no.737:4 22 P'64.

ZEIDMAN, Rita, Lectur; RINCY, Aurora; RADU, Floricica; PIENESCU, Valeria

Tinctorial characteristics of sulfur dyestuffs produced in  
Rumania. Ind text fam 12 no.12:508-509 D'61

1. Cate tiv al cercului stiintific studentesc de pe linga  
catedra de Tehnologie Chimica Textila.

PETRESCU, G.; RADU, G.

Unification of intensity scales. Studii astron seismol 7 no.2:343-350 '62.

BACHU, K.; STUNKULESKU, P.; BROSHCHIANU, G.; RADU, G.; RUDULESKU, M.

Adamantinoma of the long bones. Chirurgia, Sofia 11 no.3:215-218  
Mar 58.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekartie—  
Bukuresch, Rumunia. Katedra po ortopediia i travmatologiia Direktor:  
akad. A. Rudulesku.

(TIBIA, neoplasms,  
adamantinoma, case report (Bul))

STURZA, M., dr.; RADU, G., dr.

Maxillofacial trauma through sport accidents. Stomatologia  
(Bucur.) 12 no.5:439-446 '65.

1. Lucrare efectuata in Clinica de chirurgie buco-maxilo-faciala  
Institutul medico-farmaceutic, Bucuresti (seful clinicii: prof.  
Valerian Popescu).



RUMANIA/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101157

Author : Radu, A., Radu, Gh., Alvemir, S.

Inst : -

Title : Fattening of Swine for Bacon.

Orig Pub: Probl. zootehn., 1957, No. 6, 46-54

Abstract: When swine are fattened for bacon, the duration of fattening is 4-6 months, and it is computed that at such time 6-8 months old piglets should attain a weight of 85-100 kg, which is prerequisite for 1st grade bacon. The fattening process is divided into 3 periods. During the 1st period, which lasts 8-12 weeks, daily weight gains should amount to 300-400 g and reach 550-600 g. at the end of this period.

Card 1/2

16

CAPUSAN, I., dr.; BALOIU, P.; PINTICAN, E.; PRECUP, C.; RADU, H.; SLEAM, C.;  
STERN, A.; TCMA, V.

Clinical and bacteriological data on staphylo dermatitis cases observed  
in the Cluj Dermatological Clinic between 1956 and 1959. Microbiologia  
(Bucur) 6 no.1:23-24 Ja-F '61.

SURNAME, Given Name

Country: Rumania

Academic Degrees: -not given-

Affiliation: Neurological Clinic, Institute of Medicine (Clinica Neurologica, Institutul de Medicina), Timisoara.

Source: Timisoara, Timisoara Medicala, Vol VI, No 1, Jan-Jun 1961, pp 91-95.

Title "Superior Syndrome of the Red Nucleus."

Authors:

MARCOVICI, H.

ERUSCA, E.

BALESTIU, S.

RADU, H.

SOFLETEA, AL.; MARCOVICI, H.; MOTOC, I.; RADU, H.

The "restless fest" syndrome. Rumanian med. rev. no.2:57-59 '62.  
(NEUROLOGY)

ROMANIA

BRINCU, M., Professor; ALBINA, C., MD; CONSTANTINIS, A., MD;  
BOULACU, P., MD; DAVIDOVICI, H., MD; REBU, I., Technician.

Institute of Hygiene and Labor Protection of the Romanian People's  
Republic in Bucharest (Institutul de igiena si protectia muncii  
al R.P.R. din Bucuresti) - (for all)

Bucharest, I-gien, No 4, Jul-Aug 63, pp 309-314

"Functional Changes in the Organism of Workmen due to Local  
Vibrations." (With reference to the problem of an early diagnosis  
of the same.)

RADU, I.

Increasing and improving the output of agricultural machines and appliances as an important factor for the development of the productive factors in the agriculture of our country. METALURGI SI CONSTRUCTIA DE MASINI (Metallurgy and Machine Construction.) 1:74:Jan 55

OP. TECHNICAL Gr.: CARTIN, I.; VEGA, I.; RADU, I.

Determination of the optimum conditions of thermal treatment of punches made of W23 Romanian steel. Bul St al Tehn  
Lim 8 no.10117-122 Ja-Je '63.

1. *Travail de l'Institut "Dr. I. Cantacuzino", Service de Bacté-  
riologie (for Iliescu, Radu), Service d'Anatomie Pathologique (for  
Borciu, Petroni), Service du vaccin BCG et de la TB expérimentale  
(for Moten, Ghorghe, Parascu).* Submitted June 1, 1961.

Research on the role of organ localization in the infection  
process caused by an attenuated *Mycobacterium* (BCG). Arch. Inst.  
Bact. Exptl. Microbiol. 13 no. 4: 959-960, 1964.

1. *Travail de l'Institut "Dr. I. Cantacuzino", Service de Bacté-  
riologie (for Iliescu, Radu), Service d'Anatomie Pathologique (for  
Borciu, Petroni), Service du vaccin BCG et de la TB expérimentale  
(for Moten, Ghorghe, Parascu).* Submitted June 1, 1961.



RADU, I.

RUMANIA/Microbiology - General Microbiology, Systematics,  
Morphology, Cytology.

F

Abs Jour : Ref Zhur Biol., No 22, 1958, 99234

Author : Combiescu, D., Sturdza, N., Sefer, M., Radu, I., Bercea,  
A.

Inst : Rumanian Academy

Title : Serological Determination of Certain Types of Leptospirae  
of the Same Species Obtained from Various Foreign Labora-  
tories

Orig Pub : Commun. Acad. RPR, 1956, 6, No 10, 1251-1256

Abstract : No abstract.

Card 1/1

COMBIESCU, D.; STURDZA, N.; RADU, I.; SEFER, M.

Several cases of anicteric leptospirosis appearing in children after a  
swim; laboratory confirmation and epidemiological notes. Bul. stiint.,  
sect. med. 9 no.1:171-178 1957.

(LEPTOSPIROSIS, in inf. & child  
epidemic caused by swimming in pool contaminated by  
nearby pig sty)

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,  
No 5, Sep-Oct 1961, pp 431-436.

Data: "Ictero-Hemorrhagic Leptospirosis Contracted from Laboratory Rats."

Authors:

POP, A., -Dr.-

RADU, I., -Dr.-

STANICA, Ecaterina, dr.; RADU, I., dr.; STOIAN, Cecilia, biolog.

The Schick reaction. Microbiologia (Bucur) 8 no.3:195-206  
My-Je '63.

1. Lucrare efectuata in Institutul "Dr. I. Cantacuzino".  
(DIPHTHERIA) (IMMUNOLOGY) (SKIN TESTS)